

# INTERNATIONAL SEARCH REPORT

PCT/US2004/022959

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, Sequence Search, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. ....
X	WO 98/41864 A (LOCUS GENEX OY; RISTIMAEKI, ARI; HAERKOENEN, MATTI) 24 September 1998 (1998-09-24) page 10, line 1 - page 12, line 35 page 4, line 14 - line 16 figures 3a, 3c, 3d figures 2, 4a	1-25, 27
X	YOSHIKAWA TAKAKI ET AL: "Prognostic value of tissue inhibitor of matrix metalloproteinase-1 in plasma of patients with gastric cancer" CANCER LETTERS, vol. 151, no. 1, 3 April 2000 (2000-04-03), pages 81-86, XP002317462 ISSN: 0304-3835 the whole document	1-25, 27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

26 -07- 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>YOSHIKAWA TAKAKI ET AL: "Tissue inhibitor of matrix metalloproteinase-1 in the plasma of patients with gastric carcinoma: A possible marker for serosal invasion and metastasis"</p> <p>CANCER, vol. 86, no. 10, 15 November 1999 (1999-11-15), pages 1929-1935, XP002317463 ISSN: 0008-543X the whole document</p>	1-25,27
X	<p>TAMAI MIKIKO ET AL: "Clinical significance of quantitative analysis of carcinoembryonic antigen assessed by flow cytometry in fresh human gastric cancer cells"</p> <p>CANCER LETTERS, vol. 90, no. 2, 1995, pages 111-117, XP002317464 ISSN: 0304-3835 the whole document</p>	1-25,27
X	<p>FAHMY E I ET AL: "Evaluation of the role of serum CA 19-9 and CEA in gastrointestinal malignancies"</p> <p>JOURNAL OF THE MEDICAL RESEARCH INSTITUTE, vol. 13, no. 2, 1992, pages 47-69, XP008042860 the whole document</p>	1-25,27
X	<p>DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1975, WAHREN B: "FETAL ANTIGENS IN HUMAN TUMORS" XP002317465 Database accession no. PREV197764009632 abstract &amp; ACTA MEDICA SCANDINAVICA, vol. 198, no. 5, 1975, pages 337-340, ISSN: 0001-6101</p>	1-25,27

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# INTERNATIONAL SEARCH REPORT

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## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - ☒ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material
    - ☒ in written format
    - ☒ in computer readable form
  - c. time of filing/furnishing
    - ☒ contained in the international application as filed
    - ☐ filed together with the international application in computer readable form
    - ☒ furnished subsequently to this Authority for the purpose of search
2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9841864	A	24-09-1998	AT 272838 T	15-08-2004
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			BR 9808378 A	23-05-2000
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			CN 1250523 A	12-04-2000
			DE 69825431 D1	09-09-2004
			EP 0968421 A1	05-01-2000
			ES 2226105 T3	16-03-2005
			WO 9841864 A1	24-09-1998
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			NO 994440 A	18-11-1999
			NZ 338068 A	30-03-2001
			RU 2204835 C2	20-05-2003
			TR 9902298 T2	21-01-2000
			US 6416961 B1	09-07-2002

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